

# JY630E

## CRAWLER HYDRAULIC EXCAVATOR

- Horsepower, gross :  
186kW (250hp) @ 2200rpm
- Operating weight :  
30000 - 33000kg
- Standard bucket :  
SAE heaped 1.38m<sup>3</sup>



**TRXBUILD™**  
ENGINEERING PRODUCTIVITY

# Features



## Efficient Operation

User-friendly, multi-function digital color monitor panel and electronic fuel control allow the operator to select the best setting for the job across a wide range of applications. Operational efficiency is thus maximized.



## Easy Maintenance

Service points are easily accessible for operator and service personnel. Centralized greasing is standard equipment on JY630E.



## Superior Structure

JY630E is designed for up to 33-ton operating capacity. The superior structure allows multiple work equipment configurations for wide range of applications.



## Heavy-Duty Undercarriage

The Heavy Duty Long Crawler (HDLC) undercarriage is standard feature on JY630E. HDLC undercarriage offers longer life span, lower ground pressure and improved stability for all applications.



### Operator Comfort

Adjustable operator seat offers best operating position. High-capacity air-conditioner provides comfortable operating environment. Pilot-actuated low-effort control levers are designed for long hours of operation, thus helping to reduce operator fatigue.



### Safety

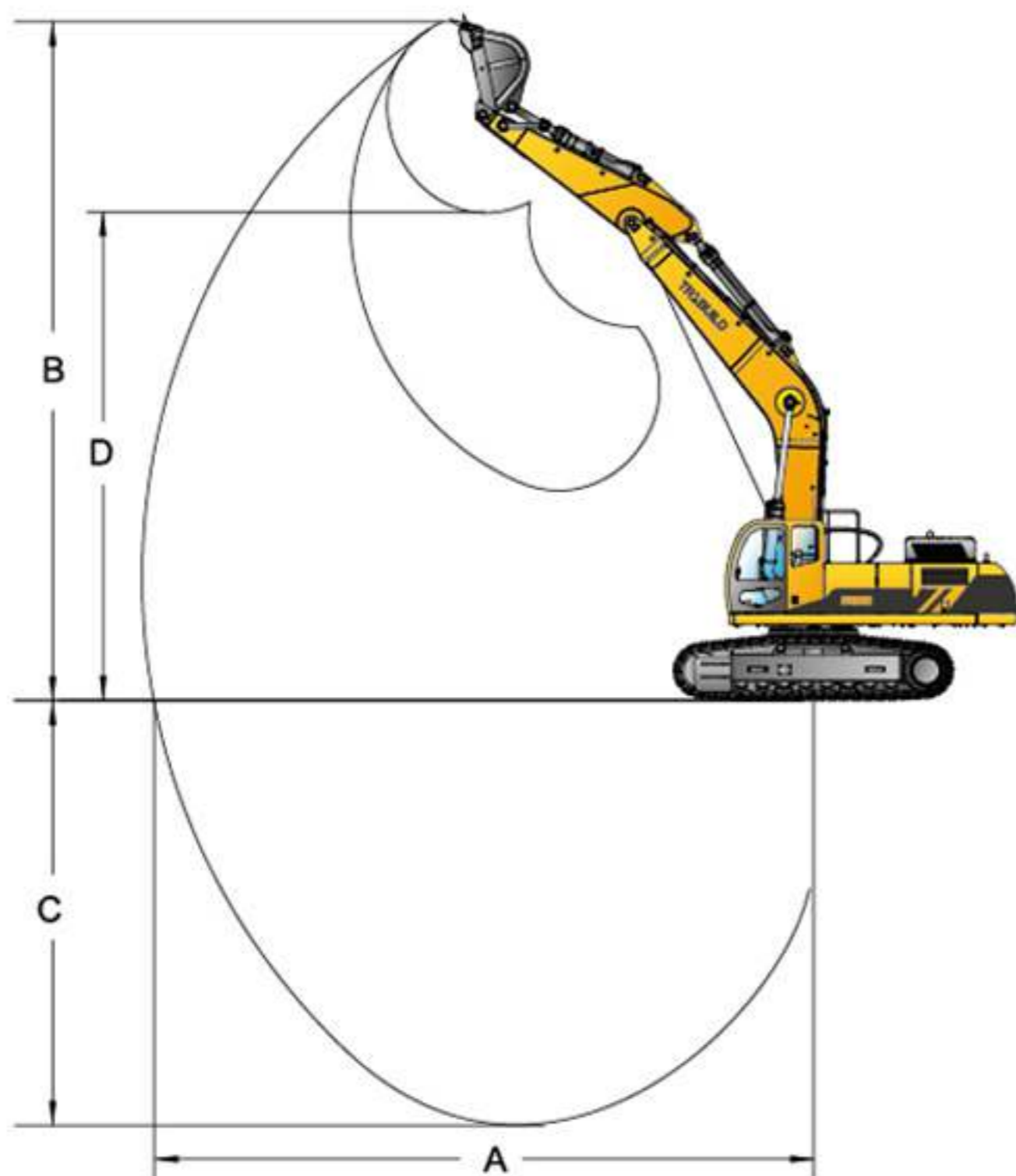
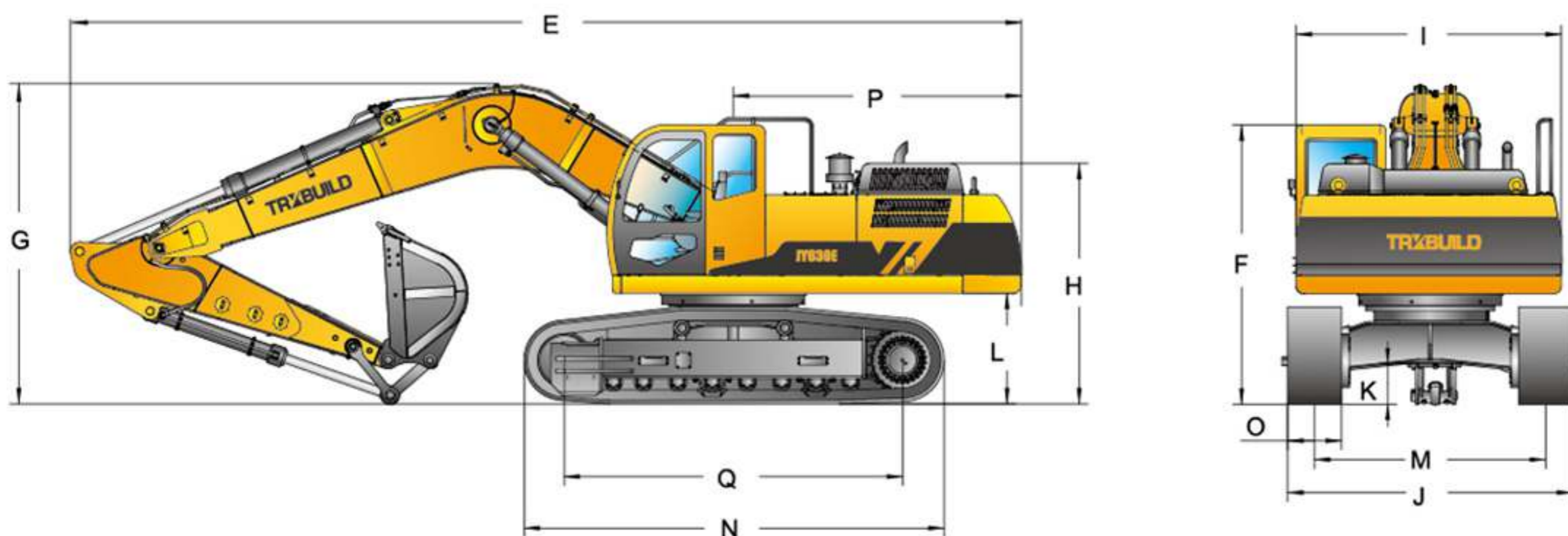
Safety is top priority in JY630E. High-visibility cabin with pull-up front window gives better views of the working area. Large handrails make it easier and safer for operator and service personnel to get in and out of the cabin and maintenance areas. Emergency escape hatch is standard equipment.



### High Performance and Reliable Components

Industry-proven, high-torque 6-cylinder diesel engine, coupled with a reliable variable-displacement hydraulic pump and load-sensing hydraulic system, ensure high performance and reliability.

# Dimensions & Working Range



Model	JY630E		
A	Maximum reach	mm	10950
B	Maximum digging height	mm	10165
C	Maximum digging depth	mm	7585
D	Maximum dumping height	mm	7350
E	Overall length	mm	10610
F	Overall height, top of cab	mm	3140
G	Overall height, top of boom	mm	3540
H	Overall height, top of engine cover	mm	2650
I	Overall width, upper structure	mm	2960
J	Overall width, undercarriage	mm	3180
K	Ground clearance, track frame	mm	470
L	Ground clearance, counterweight	mm	1235
M	Track gauge	mm	2580
N	Track length	mm	4690
O	Shoe width	mm	600
P	Tail swing radius	mm	3215
Q	Track length on ground	mm	3780

# Specifications

## Boom, Arm, Bucket & Operating Weight Configuration

Model	JY630E	
		
Boom length	mm	6200
Arm length	mm	3200
Bucket capacity, SAE heaped	m <sup>3</sup>	1.38
Arm crowd force	kN	105
Bucket digging force	kN	194
Ground pressure	kPa	65
Operating weight	kg	30800

## Engine, Hydraulics and Drive Systems

Make/model	Cummins 6C8.3	
Horsepower, gross	186kW (250hp) @ 2200rpm	
Hydraulic system	Load-sensing	
Hydraulic main pump	Variable displacement	
Hydraulic flow, Max.	Liter/min	2 x 260
Hydraulic pressure, Max.	Mpa	32
Swing drive system	Hydrostatic	
Swing speed	rpm	11
Travel drive system	Hydrostatic	
Travel speed, Max.	km/h	2.9(Lo) / 5.1(Hi)
Gradeability	65%	

## Fuel and Lubricant Refill Capacities

Fuel tank (diesel)	Liter	480
Hydraulic oil tank	Liter	260
Engine oil	Liter	29
Swing motor	Liter	10.5
Travel motors (L&R)	Liter	9.5

# Standard & Optional Equipment



Electric fuel refill pump



Arm reinforcement



Cyclone-type air pre-cleaner



Centralized greasing



FOPS and cab front guard

## Standard Equipment

- Engine, Cummins 6C8.3
- Hydraulic main pump, variable displacement
- Hydraulic control valves, load sensing
- Standard arm, 3200mm
- Arm reinforcement
- General purpose bucket, SAE heaped, 1.38 m<sup>3</sup>
- Swing motor, hydrostatic
- Travel motors, hydrostatic
- Heavy Duty Upper Structure, HDUS
- Heavy Duty Long Crawler Undercarriage, HDLC
- Multi-function digital color monitor panel
- Adjustable operator seat
- High capacity air conditioner (heating and cooling)
- Air cleaner with dust ejector
- Working lights (2 on deck, 2 on boom)
- Batteries, 50Ah, 2x12V
- Electric horn
- Safety handrails
- Rear view mirrors

- Track link guards
- Track shoe, 600mm, triple grouser
- Centralized greasing
- Wiper

## Optional Equipment and Attachments

- Auxiliary hydraulic valves and piping for attachments
- Amphibious undercarriage
- Cyclone type air pre-cleaner
- Electric fuel-refill pump
- Electronic lifting and load monitoring system
- Falling Object Protective Structure (FOPS) cabin and front guard ISO 10262
- GPS excavator control and monitoring system
- Lifting magnet system
- Log grapple, hydraulic or mechanical
- Safety beacon light
- Scrap grapple, hydraulic or mechanical
- Soosan hydraulic breaker
- Track shoe, 800mm, triple grouser

# TRX Support



## CUSTOMER FOCUS

Our customers are our strategic partners and as partners we develop long-term relationships based on trust and professionalism. Through our international network of distribution channels, we are committed to provide all our partners with comprehensive training programs, strong technical and spare parts support. At TRXBUILD, this is what customer service is all about.

## PRODUCT TRAINING NETWORK

As a global construction and mining equipment manufacturer, we deliver maximum benefits from our products through our professional training programs.

Our network of trainers and specialists conduct structured product trainings for all customers. This is to equip operators and technical personnel with the necessary machine-operating skills, safety awareness and maintenance proficiency.

## TECHNICAL SUPPORT CHANNELS

Every TRXBUILD machine is packaged with technical support as part of the TRXBUILD product ownership experience.

Our partners and their experienced field technical support specialists are strategically located in each continent and ready to attend to service calls. These professionals recommend machine maintenance programs and provide cost-effective engineering solutions when required.

## SPARE PARTS SUPPORT

We strive to maintain high spare parts availability through our network of distribution centers. This strategic support infrastructure helps us to achieve timely delivery of spares. Ultimately, this will help you to reduce your operating cost while improving productivity.

[www.TRXBUILD.com](http://www.TRXBUILD.com)

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